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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/605,638
		Filing Date	October 15, 2003
		First Named Inventor	RAHMAN, Anis
		Art Unit	2633
		Examiner Name	KIANNI, Kaveh C.
Sheet 1 of 3	Attorney Docket Number	23634-0001-U1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US- 6,859,574 B2	02-22-2005	Doerr et al.	
	B	US- 6,769,274 B2	08-03-2004	Cho et al.	
	C	US- 2004/0105610 A1	06-03-2004	Rahman	
	D	US- 6,720,093 B2	04-13-2004	Samuel et al.	
	E	US- 2001/0033715	10-25-2001	Delisle et al.	
	F	US- 6,188,818 B1	02-13-2001	Han et al.	
	G	US- 6,051,372	04-18-2000	Bayerl et al.	
	H	US- 5,546,483	08-13-1996	Inoue et al.	
	I	US- 5,208,111	05-04-1993	Decher et al.	
	J	US- 4,973,429	11-27-1990	Decher et al.	
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

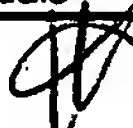
Examiner Signature		Date Considered	6/23/09
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Substitute for form 1449B/PTO		Complete if Known	
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		First Named Inventor	RAHMAN, Anis
		Art Unit	2633
		Examiner Name	KIANNI, Kaveh C.
		Attorney Docket Number	23634-0001-U1
(Use as many sheets as necessary)			
Sheet	2	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	K. OKAMOTO; "Fundamentals of Optical Waveguides, Ch. 9"; Academic Press, New York 2000.	
	2	K.M.A. RAHMAN, C.J. DURNING, N.J. TURRO and D.A. Tomalia; "Adsorption of Poly(amido amine) Dendrimers on Gold"; Langmuir 2000, volume 16; pages 10154 - 10160.	
	3	K.M. Anis RAHMAN, Christopher J. DURNING and Nicholas J. TURRO; "Molecular Dynamics of PAMAM Dendrimers"; http://dwdm2.home.comcast.net/p-amamdynamics.pdf .	
	4	Dendritic NanoTechnologies website at http://dnanotech.com/properties.html .	
	5	Akira OTOMO, Sonoko OTOMO, Shiyoshi YOKOYAMA, Tatuso NAKAHAMA, Shinro MASHIKO; "Remarkable optical properties of dendrimers for laser applications"; Linear and Nonlinear Optics of Organic Materials; Manfred EICH and Mark G. KUZYK - Editors; Proceedings of SPIE; volume 4481; pages 180 - 187; 2001.	
	6	Alex K. Y. JEN, Hong MA, Takafumi SASSA, Sen LIU, S. SURESH, Larry R. DALTON, and Mamie HALLER; "Highly efficient and thermally stabler organic/polymeric electro-optic materials by dendritic approach"; Linear and Nonlinear Optics of Organic Materials; Manfred EICH and Mark G. KUZYK - Editors; Proceedings of SPIE; volume 4481; pages 172 - 179; 2001.	
	7	Pr. Gero DECHER; "L'Interfacage Macromoleculaire: Nouveaux Materiaux par Nanoassemblage"; Conference du Mercredi; 12 Fevrier 2003.	
	8	Claire PITOIS, Robert VESTBERG, Marlene RODLERT, Eva MALMSTROM, Anders HULT, Mikael LINDGREN; "Fluorinated dendritic polymers and dendrimers for waveguide applications"; Optical Materials; volume 21, pages 499 - 508; 2002.	
	9	Larry R. DALTON; "Polymeric and Dendritic Electro-Optic Materials: Materials Issue"; University of Washington; Seattle, Washington 98185-01700.	
	10	C. DRAGONE; "An NxN Optical Multiplexer Using a Planar Arrangement of Two Star Couplers"; IEEE Photonics Technology Letters; volume 3; number 9; pages 812 - 815; September 1991.	
	11	Y. INOUE, A. HIMENO, K. MORIWAKI, M. KAWACHI; "Silica-based arrayed-waveguide grating circuit as optical splitter/router"; Electronics Letters; volume 31; number 9; pages 726 - 727; April 27, 1995.	

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Sheet 3 of 3	Attorney Docket Number	23634-0001-U1	

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	12	H. BISSESSUR, B. MARTIN, R. MESTRIC, and F. GABORIT; "Small-size, polarization-independent phased-array demultiplexers on InP"; Electronics Letters; volume 31; number 24; pages 2118 - 2120; November 23, 1995.	
	13	T. BRENNER, C.H. JOYNER and M. ZIRNGIBL; "Compact design waveguide grating routers"; Electronics Letters; volume 32; number 18; pages 1660 - 1661; August 29, 1996	
	14	M. ZIRNGIBL, C.H. JOYNER AND J.C. CENTANNI; "Size reduction of waveguide grating router through folding back the input/output fanouts"; Electronics Letters, volume 33; number 4; pages 295 - 297; February 13, 1997.	
	15	Hideaki OKAYAMA, Masato KAWAHARA and Takeshi KAMIJOH; "Reflective Waveguide Array Demultiplexer in LiNbO ₃ "; Journal of Lightwave Technology; volume 14; number 6; pages 985 - 990; June 1996.	

Examiner Signature		Date Considered	6/23/09
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete If Known

Application Number	10/605,638
Filing Date	October 15, 2003
First Named Inventor	Anis Rahman
Art Unit	2883
Examiner Name	Frank G. Font
Attorney Docket Number	-

U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
		US- 5,396,507	03/07/1995	Kaminow et al.	
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